

A-1
breakdown structure as the lowest-level activities are inserted by referencing a designated work breakdown structure template. -

Please replace the sub-heading on page 4, with the following sub-heading:

A-2
DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Please replace paragraph 31 on page 5, with the following rewritten paragraph:

A-3
A process and system is disclosed to assist work planners by assembling a work breakdown structure (WBS) and work flow for a project based on the explicit selection or deselection of outcome(s) by a work planner from a defined set of possible outcomes. The process and system ensure that the resulting project WBS and work flow is composed of the minimum set of activities required to produce the set of outcomes desired for the project. -

Please replace paragraph 55 on page 8, with the following rewritten paragraph:

A-4
This workflow development process is designed for use on large-scale projects, including analysis of business strategies, such as where to go with new product development, or reorganization of a large-scale enterprise (e.g. large corporation). Therefore, the results of the workflow development process must be without error and must be capable of handling inputs from disparate sources, e.g., in a corporation, from a research and development unit or division, a manufacturing unit or division, a human resources unit or units, an upper management oversight unit and a reorganization plan (simultaneously with a reorganization of the corporation for carrying out the major project). The workflow development must be done in a manner such that the risk to the enterprise utilizing the work flow development process must be minimized, as well as to the risk to a consulting company providing guidance with its work flow development process. For example, a work plan development process, if it were applied to the development of the B-2 Bomber, would have entailed the reorganization of a corporation to have a whole new large division, staffing such a division, having ongoing research and development input, designing the aircraft with thousands and thousands of specifications and requirements, a manufacturing unit, again with thousands of documented procedures, test units with thousands of tests and test documentation, acceptance tests procedures and manuals for the Air Force. These are extremely complex processes and the costs may be 100's of billions of dollars. -

Please replace paragraph 136 on page 30, with the following rewritten paragraph:

A-5
Elementary activity EA C 1.3 produces the outcome that the user (work planner) wants to add to the project (i. e., Outcome O4), so it is selected from the Planning System Data Repository 28 (Figure 1). -

IN THE ABSTRACT OF THE DISCLOSURE:

Please replace the Abstract of the Disclosure with the following rewritten paragraph:

A⁶ - A process and system is disclosed to assist work planners by assembling a work breakdown structure (WBS) and work flow for a project based on the explicit selection or deselection of outcome(s) by a work planner from a defined set of possible outcomes. The process and system ensure that the resulting project WBS and work flow is composed of the minimum set of activities required to produce the set of outcomes desired for the project. The process and system further ensure that the project's activities are organized into an activity hierarchy defined by a WBS template designated by the work planner, and that each of the project's activities is linked into an appropriate work flow, supported by appropriate instructional or descriptive content. -

IN THE CLAIMS:

Please cancel claims 7-9.

Please amend claims 1-6 as follows:

A¹ 1. (Amended) A process for generating a project work breakdown structure (WBS) and related work flows, comprising the steps of:
(a) selecting an existing project WBS, said existing project WBS having related work flows;
(b) selecting at least one desired outcome for synthesis, said at least one selected desired outcome having a first associated work flow comprising a network of interdependent activities; and
(c) synthesizing said first associated work flow with said existing project WBS and its related work flows by:
(c₁) identifying the most downstream activity in said first associated work flow;
(c₂) determining whether each activity in said first associated work flow is already present in the project WBS and related work flows being generated by starting with the most downstream activity in said first associated work flow and working upstream until all activities in said first associated work flow have been compared to the activities of the project WBS and related work flows being generated;
(c₃) adding any activity in said first associated work flow which is not already present in the project WBS and related work flows being generated;
(c₄) adding activity dependencies which should exist between any of said added activities and any activity already present in the project WBS and related work flows being generated; and
(c₅) introducing summary activities, when required, into the project WBS being generated when lowest-level activities from said first associated work flow are added.

2. (Amended) The process of claim 1, further comprising the steps of: